# About The New England Common Assessment Program

This report highlights results from the Spring 2012 New England Common Assessment Program (NECAP) science tests. The NECAP tests are administered to students in New Hampshire, Rhode Island, and Vermont as part of each state's statewide assessment program.

ASSESSMENT NECAP science test results are used primarily for program evaluation, school improvement and public reporting. Achievement level results are used in the state accountability system required under No Child Left Behind (NCLB). More detailed school and district results are used by schools to help improve curriculum and instruction. Individual student results are used to support information gathered through classroom instruction and assessments.

The NECAP science tests are administered to students in grades 4, 8, and 11. The tests are designed to measure student performance on standards developed and adopted by the three states. Specifically, the tests are designed to measure the content and skills that students are expected to have as they complete the K-4, 5-8, and 9-11 grade spans-in other words, the content and skills that students have learned through the end of the tested grade.

Each test contains a mix of multiplechoice and constructed-response

questions. Constructedresponse questions require students to develop

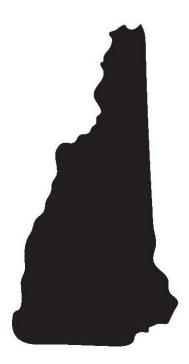
their own answers to questions. The science test also includes an inquiry session that requires students to answer questions based on results of an actual scientific investigation. This report contains a variety of school- and/ or district-, and state-level

science tests administered at a grade level. Achievement level distributions and mean scaled scores are provided for all students tested as well as for subgroups of students classified by demographics or program participation. The report also contains comparative information on school and district performance on four specific science domains.

assessment results for the NECAP

GRAM

In addition to this report of grade level results, schools and districts will also receive Item Analysis Reports, released item support materials, and student-level data files containing NECAP results. Districts will also receive a Summary Report that will show results for all district schools. Together, these reports and data constitute a rich source of information to support local decisions in curriculum, instruction, assessment, and professional development. Over time, this information can also strengthen the school's and district's evaluation of their ongoing improvement efforts.



## Spring 2012 Grade 11 **NECAP Science Test**

## **State Results**

State: **New Hampshire** 



## **Spring 2012 - Grade 11 NECAP Science Test**

# **Grade Level Summary Report**

**New Hampshire** State:

Schools and districts administered all NECAP tests to every enrolled student with the following exceptions: students who participated in the alternate assessment for the 2011-12 school year, students who withdrew from the school after May 7, 2012, students who enrolled in the school after

May 7, 2012, students for whom a special consideration was granted through the state Department of Education, and other students for reasons not approved. On this page, and throughout this report, results are only reported for groups of students that are larger than nine (9).

DADTICIDATION :- NECAD		Number		Percentage								
PARTICIPATION in NECAP	School	District	State	School	District	State						
Students enrolled on or after May 7			14,761			100						
		Science			Science							
Students tested			14,293			97						
With an approved accommodation			1,534			11						
Current LEP Students			164			1						
With an approved accommodation	•	•	100			61						
IEP Students			1,910			13						
With an approved accommodation			1,155			60						
Students not tested in NECAP			468			3						
State Approved		•	105	•		22						
Alternate Assessment		•	90		-	86						
Withdrew After May 7		•	0			0						
Enrolled After May 7			0			0						
Special Consideration			15			14						
Other			363			78						

#### **NECAP RESULTS**

						State	!																		
	Enrolled	NT Approved	NT Other	Tested	Lev	rel 4	Leve	el 3	Lev	el 2	Leve	el 1	Mean Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Score	Tested	Level 4	Level 3	Level 2	Level 1	Mean Score
	N	N	N	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
SCIENCE	14,761	105	363	14,293	245	2	4,453	31	6,386	45	3,209	22	1135												

Level 4 = Proficient with Distinction; Level 3 = Proficient; Level 2 = Partially Proficient; Level 1 = Substantially Below Proficient

Note: Throughout this report, percentages may not total 100 since each percentage is rounded to the nearest whole number.

Note: Some numbers may have been left blank because fewer than ten (10) students were tested.



### **Spring 2012 - Grade 11 NECAP Science Test**

## **Science Results**

**State:** New Hampshire

#### **Proficient with Distinction (Level 4)**

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span. Errors made by these students are few and minor and do not reflect gaps in knowledge and skills.

(Scaled Score 1152-1180)

#### Proficient (Level 3)

Students performing at this level demonstrate the knowledge and skills as described in the content standards for this grade span with only minor gaps. It is likely that any gaps in knowledge and skills demonstrated by these students can be addressed by the classroom teacher during the course of classroom instruction.

(Scaled Score 1140-1151)

#### **Partially Proficient (Level 2)**

Students performing at this level demonstrate gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support may be necessary for these students to achieve proficiency on the content standards.

(Scaled Score 1130-1139)

#### **Substantially Below Proficient (Level 1)**

Students performing at this level demonstrate extensive and significant gaps in knowledge and skills as described in the content standards for this grade span. Additional instructional support is necessary for these students to achieve proficiency on the content standards.

(Scaled Score 1100–1129)

	Enrolled	NT Approved	NT Other	Tested	Lev	el 4	Leve	el 3	Lev	el 2	Lev	el 1	Mean
	N	N N		N	N	%	N	%	N	%	N	%	Scaled Score
School 2009-10 2010-11 2011-12 Cumulative Total													
District 2009-10 2010-11 2011-12 Cumulative Total													
State 2009-10 2010-11 <b>2011-12</b>	15,178 15,135 <b>14,761</b>	131 119 105	287 339 <b>363</b>	14,760 14,677 <b>14,293</b>	148 169 <b>245</b>	1 1 2	3,389 3,879 4,453	26	7,179 6,829 <b>6,386</b>	47	4,044 3,800 <b>3,209</b>	26	1134 1134 <b>1135</b>
Cumulative Total	45,074	355	989	43,730	562	1	11,721	27	20,394	47	11,053	25	1134

C. C	Total												
Science Domain	Possible Points	0	10	20	30	40	50	60	70	80	90	100	
Physical Science	31						•						
Earth Space Science	31						•						◆ State
Life Science	31						•	<b>&gt;</b>					Standard Error Bar
Inquiry	18					•							



## **Spring 2012 - Grade 11 NECAP Science Test**

### **-**C

**State:** New Hampshire

# **Disaggregated Science Results**

CATEGORIES  Enrolled Approved Other Tested Level 4 Level 3 Level 2 Level 1 Mean Scaled Scaled Tested 4 3 2 1 Scaled Scale							Sta	te																		
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